Sandman et al. 09/937,187 Page 2

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## In the claims

Claims 1-58 (cancelled)

Claim 59. (new) A fusion protein, comprising: a selenocysteinecontaining peptide fused to a surface protein displayed on an amplifiable genetic particle selected from a virus and a cell.

Claim 60 (new): A fusion protein according to claim 59, wherein the selenocysteine-containing peptide is a recombinant protein such that the selenocysteine is incorporated at a specific, unique site.

Claim 61 (new): A fusion protein according to claim 59, wherein the covalent linkage between the selenocysteine-containing peptide and the surface protein is a peptide bond.

Claim 62 (new): A fusion protein according to claim 59, wherein the peptide is expressed by a DNA having a TGA codon and a selenocysteine insertion sequence.

Claim 63 (new): A fusion protein according to claim 62, wherein the selenocysteine insertion sequence is located downstream of the TGA codon.

Claim 64 (withdrawn): A fusion protein according to claim 60, wherein the selenocysteine is flanked on either or both sides by one or more randomized amino acids.

Sandman et al. 09/937,187 Page 3

Claim 65 (withdrawn): A fusion protein according to claim 59, wherein the selenocysteine in the peptide is positioned adjacent to one side of one or more randomized amino acids, the one or more randomized amino acids being flanked on a second side by a cysteine.

Claim 66 (withdrawn): A fusion protein according to claim 59, wherein the selenocysteine in the peptide is capable of chemical derivatization of the selenol group.

Claim 67 (withdrawn): A fusion protein according to claim 66, wherein the chemical derivatization results from a nucleophilic substitution reaction.

Claim 68 (withdrawn): A fusion protein according to claim 66, wherein the chemical derivatization results from an oxidation reaction.

Claim 69 (withdrawn): A fusion protein according to claim 66, wherein the chemical derivatization results from a metal coordination reaction.

Claim 70 (withdrawn): A fusion protein according to claim 66, wherein a product of chemical derivatization of the selenocysteine in the peptide is a chemical functionality selected from the group consisting of enzyme substrates, enzyme cofactors, enzyme inhibitors, receptor ligands and cytotoxic agents.

Claim 71 (withdrawn): A fusion protein according to claim 60, wherein the selenocysteine-containing peptide further comprises an enzyme

Sandman et al. 09/937,187 Page 4

substrate or is modified at the selenocysteine to form an enzyme substrate.

Claim 72 (withdrawn): A fusion protein according to claim 71, wherein the enzyme substrate forms a reaction product in the presence of an enzyme and the enzyme substrate is located on the surface of the amplifiable genetic particle.

Claim 73 (withdrawn): A fusion protein of claim 72, wherein the reaction product is capable of binding to an affinity substrate.

Claim 74 (withdrawn): A fusion protein, according to claim 72, wherein the recombinant protein is selected from a library of variants of a single enzyme, wherein each variant contains one or more amino acid substitutions relative to the native enzyme.

Claim 75 (withdrawn): A fusion protein according to claim 72, wherein the recombinant protein is selected from an expressed c-DNA library.